

ATTORNEY DOCKET NO.  
062986.0166  
(15-4-849.00)



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PATENT APPLICATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David C. Tannenbaum  
Serial No.: 09/348,885  
Filing Date: July 1, 1999  
Group Art Unit: 2772  
Examiner:  
Title: DUAL MODE DEVICE AND METHOD FOR  
GENERATING VECTOR CROSS PRODUCTS OR  
DOT PRODUCTS

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date shown below.

Judy Baggett  
Name

4/26/2000

Date of Signature

REVOCATION OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEY

I, Sandra M. Escher, Vice President and General Counsel, Silicon Graphics, Inc., represent that Silicon Graphics, Inc. is the Assignee of the above-identified patent application, which has been recorded as indicated by the chain of title in the Assignment Records of the United States Patent and Trademark Office at Reel 010088, Frames 0352-0353; and evidenced by a copy

of the Assignment documents attached herewith; that I am empowered to act on behalf of Silicon Graphics, Inc. and that I have reviewed the evidentiary documentation and hereby certify that, to the best of Assignee's knowledge and belief, title is in the Assignee seeking to take this action.

I hereby revoke the previous power of attorney given to Peter B. Martine, Reg. No. 32,043); Albert S. Penilla, Reg. No. 39,487; Raymis H. Kim, Reg. No. 39,462; Chester E. Martine, Reg. No. 19,711; Tobi C. Clinton, Reg. No. 43,553; Christopher Byrne, Reg. No. 32,204; and John F. Brigden, Reg. No. 40,530 and any other previous powers of attorney and I hereby appoint:

Jerry W. Mills	Reg. No. 23,005
Ann C. Livingston	Reg. No. 32,479
Thomas R. Felger	Reg. No. 28,842
Charles S. Fish	Reg. No. 35,870
Wei Wei Jeang	Reg. No. 33,305
Kevin J. Meek	Reg. No. 33,738
T. Murray Smith	Reg. No. 30,222
David G. Wille	Reg. No. 38,363
Bradley P. Williams	Reg. No. 40,227
Terry J. Stalford	Reg. No. 39,522
Harold E. Meier	Reg. No. 22,428
Thomas R. Nesbitt, Jr.	Reg. No. 22,075
James J. Maune	Reg. No. 26,946
Roger J. Fulghum	Reg. No. 39,678
Rodger L. Tate	Reg. No. 27,399
James B. Arpin	Reg. No. 33,470
James Remenick	Reg. No. 36,902
Robert W. Holland	Reg. No. 40,020
Douglas M. Kubehl	Reg. No. 41,915
Robert A. King	Reg. No. 42,738
James L. Baudino	Reg. No. 43,486
Scott T. Morris	Reg. No. 43,818
Tara D. Knapp	Reg. No. 43,723
William R. Borchers	Reg. No. 44,549
Robin A. Brooks	Reg. No. 44,563
Darren W. Collins	Reg. No. 44,625
Brian W. Oaks	Reg. No. 44,981
Luke K. Pedersen	Reg. No. 45,003
Matthew B. Talpis	Reg. No. 45,152
David M. Doyle	Reg. No. 43,596

all of the firm of BAKER BOTTS L.L.P., as my attorneys with full power of substitution and revocation, to prosecute this

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(15-4-849.00)

PATENT APPLICATION

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application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities and to file any continuation, divisional, continuation-in-part, reissue, or re-examination applications thereon.

Send Correspondence To:

BAKER BOTTS L.L.P.  
2001 Ross Avenue  
Dallas, Texas 75201-2980

Direct Telephone Calls To:

Charles S. Fish  
at (214) 953-6507  
Atty. Docket No. 062986.0166

Respectfully submitted,  
SILICON GRAPHICS, INC.

Dated: 4/19, 2000

Sandra Escher  
Sandra M. Escher  
Vice President and General  
Counsel

SEPTEMBER 14, 1999

MARTINE PENILLA & KIM, LLP  
RAYMIS H. KIM  
830 WEST EVELYN AVENUE  
SUNNYVALE, CA 94086



UNITED STATES DEPARTMENT OF COMMERCE  
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Washington, D.C. 20231



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/01/1999

REEL/FRAME: 010088/0352  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
TANNENBAUM, DAIVD C.

DOC DATE: 06/30/1999

ASSIGNEE:  
SILILCON GRAPHICS, INC.  
2011 N. SHORELINE BOULEVARD  
MOUNTAIN VIEW, CALIFORNIA  
94043-  
1389

SERIAL NUMBER: 09348885  
PATENT NUMBER:

FILING DATE: 07/01/1999  
ISSUE DATE:

SEDLEY PYNE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

SIGNM



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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying party:
  - a) David C. Tannenbaum
2. Name and address of receiving party:
  - a) Name: Silicon Graphics, Inc.
  - b) Address: 2011 N. Shoreline Boulevard, Mountain View, CA 94043-1389

3. Nature of conveyance
 

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date: June 30, 1999

4. Application Number or Patent Number: Not yet assigned

09348885

The title of the new application is: DUAL MODE DEVICE AND METHOD FOR  
GENERATING VECTOR CROSS PRODUCTS OR DOT PRODUCTS

5. Please send all correspondence concerning this document to:

**Raymis H. Kim**  
MARTINE PENILLA & KIM, LLP  
830 West Evelyn Avenue  
Sunnyvale, CA 94086  
Tel. No. (408) 749-6900  
Fax No.: (408) 749-6901

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Enclosed   |
| <input checked="" type="checkbox"/> | Authorized to be charged to Deposit Account No. 50-0805<br>(Order No. <u>15-4-849.00</u> ) |

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: July 1, 1999

*Raymis Kim*  
Raymis H. Kim, Esq.  
Registration No. 39,462

40.00 DP

4/1999 JWS/THS 00000046 09348885

C:581

JCS15 U.S. PTO  
09/348885  
07/01/99

**A**   **IGNMENT OF PATENT APP'ICATION**  
(Accompanying Application)

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

**DUAL MODE DEVICE AND METHOD FOR GENERATING VECTOR CROSS  
PRODUCTS OR DOT PRODUCTS**

(Atty. Docket No: 15-4-849.00) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

- 1) Sell, assign and transfer to **Silicon Graphics, Inc.**, a Delaware corporation having a place of business at 2011 N. Shoreline Boulevard, Mountain View, CA 94043-1389, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application based upon, and Patent (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1)	Signature: <u>David C. Tannenbaum</u>	Date: <u>6/30/99</u>
	Typed Name: David C. Tannenbaum	